

AMENDMENTS TO THE CLAIMS

Please amend the claims to read as follows:

1. (Currently amended) An isolated polynucleotide comprising a nucleic acid sequence which encodes or is complementary to a sequence which encodes an Anthocyanin 1 (*ANT1*) polypeptide having at least ~~70~~ 95% sequence identity to the amino acid sequence presented as SEQ ID NO:2.

2. (Currently amended) The polynucleotide of Claim 1 comprising a nucleic acid sequence that hybridizes under high stringency conditions, ~~at about 5-10° below the T_m~~ to the nucleic acid sequence presented as SEQ ID NO:1, or the complement or a fragment thereof, wherein said high stringency conditions comprise hybridization at about 42°C in 50% formamide, 5X SSC, 5X Denhardt's solution, 0.5% SDS and 100 µ/ml followed by a washing in 2X SSC and 0.5% SDS at about room temperature and a washing in 0.1X SSC and 0.5% SDS at about 42°C.

3. (Cancel) The polynucleotide of Claim 1 wherein the *ANT1* polypeptide has at least 80% sequence identity to the amino acid sequence presented as SEQ ID NO:2.

4. (Cancel) The polynucleotide of Claim 1 wherein the *ANT1* polypeptide has at least 90% sequence identity to the amino acid sequence presented as SEQ ID NO:2.

5. (Original) The polynucleotide of Claim 1 wherein the *ANT1* polypeptide has the amino acid sequence presented as SEQ ID NO:2.

6. (Original) The polynucleotide of Claim 1 comprising the nucleic acid sequence presented as SEQ ID NO:1, or the complement thereof.

7. (Original) A plant transformation vector comprising an isolated polynucleotide of Claim 1.

8. (Original) A transgenic plant cell comprising the vector of Claim 7.

9. (Original) A method of producing an *ANTI* phenotype in a plant, said method comprising introducing into progenitor cells of the plant a plant transformation vector according to claim 7 and growing the transformed progenitor cells to produce a transgenic plant, wherein said polynucleotide sequence is expressed and said transgenic plant exhibits an *ANTI* phenotype.

10. (Original) A plant obtained by a method of Claim 9.

11. (Original) A plant part obtained from a plant according to Claim 10.

12. (Original) A method of selecting a transformed plant comprising a first polynucleotide comprising the steps of:

- (a) introducing into progenitor cells of the plant a plant transformation vector comprising the first polynucleotide and an *ANTI* polynucleotide according to Claim 1, and
- (b) growing the progenitor cells to produce a plant that displays the *ANTI* phenotype, wherein the plant that displays the *ANTI* phenotype is selected as a transformed plant that also comprises the first polynucleotide.

13. (Cancel) An isolated nucleic acid sequence encoding an *ANTI* polypeptide having at least 70% sequence identity to the amino acid sequence presented as SEQ ID NO:2.

14. (Cancel) An isolated nucleic acid sequence, wherein the nucleic acid sequence has at least 70% sequence identity to the nucleic acid sequence presented as SEQ ID NO:1.